

## Technical Data

Product: SOGEVAC SV 40 B - with standard gas ballast valve  
 Part-No.: 960307

Inlet connection:	G 1 1/4" Inside thread	
Outlet connection:	G 1 1/4" Inside thread	
Nominal pumping speed at 50 Hz:	44.0 m <sup>3</sup> /h	25.9 cfm
Nominal pumping speed at 60 Hz:	53.0 m <sup>3</sup> /h	31.2 cfm
Pumping speed at 50 Hz:	38.5 m <sup>3</sup> /h	22.7 cfm
Pumping speed at 60 Hz:	47.0 m <sup>3</sup> /h	27.7 cfm
Ultimate partial pressure without gas ballast:	≤ 0.5 mbar	≤ 0.4 Torr
Ultimate total pressure without gas ballast:	≤ 0.5 mbar	≤ 0.4 Torr
Ultimate total pressure with standard gas ballast:	≤ 1.5 mbar	≤ 1.1 Torr
Ultimate total pressure with small gas ballast:	≤ 0.8 mbar	≤ 0.6 Torr
Water vapor tolerance at 50 Hz		
with standard gas ballast:	30.0 mbar	22.5 Torr
with small gas ballast:	10.0 mbar	7.5 Torr
Water vapor tolerance at 60 Hz		
with standard gas ballast:	30.0 mbar	22.5 Torr
with small gas ballast:	10.0 mbar	7.5 Torr
Water vapor capacity at 50 Hz		
with standard gas ballast:	760 g/h	
with small gas ballast:	280 g/h	
Water vapor capacity at 60 Hz		
with standard gas ballast:	900 g/h	
with small gas ballast:	340 g/h	
Operating fluid:	LVO 130	
Operating fluid capacity:	1.0 l	1.05 qt
Noise level to DIN 45 635		
without gas ballast:	58 - 60 dB(A)	
Mains connection:	3-ph, 230/400 V, 50 Hz 3-ph, 460 V, 60 Hz	
Motor rating at 50 Hz:	1.1 kW	1.5 HP
Motor rating at 60 Hz:	1.5 kW	2.0 HP
Rotation speed at 50 Hz:	1.500 min <sup>-1</sup>	1.500 rpm
Rotation speed at 60 Hz:	1.800 min <sup>-1</sup>	1.800 rpm
Motor protection rating:	IP 55-F	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 43.0 kg	≈ 94.8 lbs

Technical data are subject to change